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PTO/SB/21 (04-04)

Approved for use through 07/31/2006. OMB 0651-0031

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TRANSMITTAL FORM (to be used for all correspondence after initial filing)		Application Number	10/023203
		Filing Date	December 17, 2001
		First Named Inventor	Marvin L. VESTAL
		Art Unit	
		Examiner Name	
Total Number of Pages in This Submission		Attorney Docket Number	SY9-137CPCN1

ENCLOSURES (Check all that apply)		
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declaration(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Response to Missing Parts/ Incomplete Application <input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____	<input type="checkbox"/> After Allowance communication to Technology Center (TC) <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Statement Under 37 CFR 3.73(b) (1 page); Return Receipt Postcard Copy of Assignment and Notice of Recordation of Assignment (3 pages)
<div>Remarks</div>		

SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT	
Firm or Individual name	LAHIVE & COCKFIELD, LLP Michael J. Bastian, Ph.D. - 47,411
Signature	
Date	July 16, 2004

I hereby certify that this correspondence is being deposited with the U.S. Postal Service with sufficient postage as First Class Mail, in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.	
Dated: July 16, 2004	Signature: (Michael J. Bastian, Ph.D.)



PTO/SB/82 (06-03)

Approved for use through 11/30/2005. OMB 0651-0035

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REVOCATION OF POWER OF ATTORNEY and APPOINTMENT OF NEW POWER OF ATTORNEY	Application Number	10/023,203
	Filing Date	December 17, 2001
	First Named Inventor	Marvin L. Vestal
	Art Unit	
	Examiner Name	
	Attorney Docket Number	SY9-137CPCN1

I hereby revoke all previous powers of attorney given in the above-identified application:

☐ A Power of Attorney is submitted herewith.

OR

☒ I hereby appoint the practitioners at Customer Number: 00959☒ Please change the correspondence address for the above-identified application to:☒ The address associated with Customer Number:

00959

OR

<input type="checkbox"/> Firm or Individual Name	LAHIVE & COCKFIELD, LLP Michael J. Bastian				
Address	28 State Street				
City	Boston				
Country	US	State	MA	Zip	02109
Telephone	(617) 227-7400			Fax	(617) 742-4214

I am the:

☐ Applicant/Inventor.☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96)**SIGNATURE of Applicant or Assignee of Record**

Name	Andrew T. Karnakis		
Signature	<i>Andrew T. Karnakis</i>		
Date	12 July 2004	Telephone	508-383-7406

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below*.

☐ *Total of 1 forms are submitted.

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Dated: July 16, 2004 Signature: *Michael J. Bastian* (Michael J. Bastian)

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Andrew T. KarnakisApplication No./Patent No.: 10/023,203 Filed/Issue Date: December 17, 2001Entitled: A Tandem Time-of-Flight Mass Spectrometer with Delayed Extraction and Method for UsePerSeptive Biosystems, Inc., a Corporation
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by percentage) of its ownership interest is _____ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above as a continuation of U.S.S.N. 09/233,703, filed January 19, 1999. The assignment was recorded in the United States Patent and Trademark Office at Reel _____ and Frame _____, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
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The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
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☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.

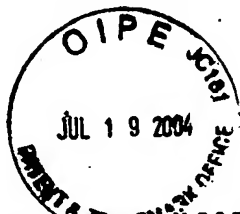
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

12 July 2004
Date508-383-7406
Telephone NumberAndrew T. Karnakis
Typed or printed nameAndrew T. Karnakis
SignatureSenior Patent Counsel
Title

I hereby certify that this correspondence is being deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on the date shown below.

Dated: July 16, 2004 Signature: Michael J. Bastian (Michael J. Bastian)



SEPTEMBER 17 1999



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KURT RAUSCHENBACH
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125 HIGH STREET
BOSTON, MA 02110



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THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 703-308-9723. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, ASSIGNMENT DIVISION, BOX ASSIGNMENTS, CG-4, 1213 JEFFERSON DAVIS HWY, SUITE 320, WASHINGTON, D.C. 20231.

RECORDATION DATE: 07/12/1999

REEL/FRAME: 010084/0028
NUMBER OF PAGES: 4

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).

ASSIGNOR:
VESTAL, MARVIN L.

DOC DATE: 06/23/1999

ASSIGNEE:
PERSEPTIVE BIOSYSTEMS, INC.
500 OLD CONNECTICUT PATH
FRAMINGHAM, MASSACHUSETTS 01701SERIAL NUMBER: 09233703
PATENT NUMBER:FILING DATE: 01/19/1999
ISSUE DATE:

SONYA JOHNSON, EXAMINER
ASSIGNMENT DIVISION
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SEP 21 1999

PATENT DEPARTMENT
TESTA, HURWITZ & THIBEAULT

TOTAL P.02

Attorney Docket No. SYP-137CP

ASSIGNMENT

WHEREAS, I, Marvin L. Vestal, have invented one or more improvements in
A TANDEM TIME-OF-FLIGHT MASS SPECTROMETER WITH DELAYED EXTRACTION AND
METHOD FOR USE

described in an application (or provisional application) for Letters Patent of the United States:

☐ identified by Attorney Docket No. _____, and/or executed by me of even date herewith
and about to be filed in the United States Patent Office;

☒ Serial No. 09/233,703 filed in the United States Patent Office on January 19, 1999; and

WHEREAS, PerSeptive Biosystems, Inc. (hereinafter "ASSIGNEE"), a corporation organized
and existing under the laws of the Commonwealth of Massachusetts, and having a usual place of business
at 500 Old Connecticut Path, Framingham, Massachusetts 01701 desires to acquire an interest therein, in
accordance with agreements duly entered into with me;

NOW, THEREFORE, to all whom it may concern be it known that for and in consideration of
said agreements and of other good and valuable consideration, the receipt of which is hereby
acknowledged, I have sold, assigned and transferred and by these presents do hereby sell, assign and
transfer unto said ASSIGNEE, its successors, assigns, and legal representatives, my entire right, title and
interest in and throughout the United States of America, its territories and all foreign countries, in and to
the inventions described in said application, together with my entire right, title and interest in and to said
application and such Letters Patent as may issue thereon or claim priority under international convention,
including but not limited to continuations, divisionals, reissues, and reexaminations of said application of
such Letters Patent; said inventions, applications and Letters Patent to be held and enjoyed by said
ASSIGNEE for its own use and behalf and for its successors, assigns and legal representatives, to the full
end of the term for which said Letters Patent may be granted as fully and entirely as the same would have
been held by me had this assignment and sale not been made; I hereby convey all of my rights arising
under or pursuant to any and all international agreements, treaties or laws relating to the protection of
industrial property by filing any such applications for Letters Patent. I hereby acknowledge that this
assignment, being of my entire right, title and interest in and to said invention, carries with it the right in
ASSIGNEE to apply for and obtain from competent authorities in all countries of the world any and all
Letters Patent by attorneys and agents of ASSIGNEE's selection and the right to procure the grant of all
Letters Patent to ASSIGNEE for its own name as assignee of my entire right, title and interest therein.

AND, I hereby further agree for myself and my executors and administrators to execute upon
request any other lawful documents and likewise to perform any other lawful acts which may be deemed
necessary to secure fully the aforesaid invention to said ASSIGNEE, its successors, assigns, and legal
representatives, but at its or their expense and charges, including: the execution of applications for
patents in foreign countries; the execution of substitution, reissue, divisional or continuation applications;
and preliminary or other statements or the giving of testimony in any interference or other proceeding in
which said invention or any application or patent directed thereto may be involved; and I further hereby

Sole Assignment

Page 2

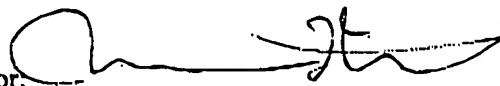
BEST AVAILABLE COPY

authorize ASSIGNEE or its attorneys or agents to insert the correct serial number and filing date into this assignment if none is indicated on that date of my execution of this assignment;

AND, I do hereby authorize and request the Commissioner of Patents of the United States to issue such Letters Patent as shall be granted upon said application or applications based thereon to said ASSIGNEE; its successors, assigns, and legal representatives.

IN TESTIMONY WHEREOF, I have hereunto set my hand and affixed my seal the date set forth below.

Inventor:



Marvin L. Vestal

Commonwealth of Massachusetts)

County of Middlesex) ss

Subscribed and sworn to before me, by the above-named Marvin L. Vestal this 23rd day
of June, 1999.


Notary PublicMy Commission Expires: 8/21/03

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